

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: **GENE FAMILIES ASSOCIATED WITH LIVER CANCER**

Fill in Appropriate: the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information - The specification was filed on February 11, 2005 as  
For Use Without United States Application Number \_\_\_\_\_;  
Specification and amended on \_\_\_\_\_ (if applicable) and/or  
Attached: the specification was filed on August 14, 2003 as PCT  
International Application Number PCT/KR2003/001655; and was  
amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Insert Priority Information: (if appropriate)	<u>60/402,905</u> (Number)	<u>United States of America</u> (Country)	<u>August 14, 2002</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<u>60/403,651</u> (Number)	<u>United States of America</u> (Country)	<u>August 16, 2002</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): (if any)	_____ (Application Number)	_____ (Filing Date)
	_____ (Application Number)	_____ (Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Country	Application Number	Date of Filing (Month/Day/Year)
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)	_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
	_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

I hereby appoint the practitioners at **CUSTOMER NO. 02292** as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**

Telephone: (703) 205-8000

Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:  
↓

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed →

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

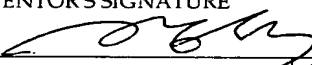

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
Name  
see above

<b>GIVEN NAME/FAMILY NAME</b> <b>KOH, Sang-Seok</b>	<b>INVENTOR'S SIGNATURE</b> 	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b> <b>CHUNG, Hyun-Ho</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b> <b>LEE, Bog-Man</b>	<b>INVENTOR'S SIGNATURE</b> 	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b> <b>SONG, Si-Young</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> College of Medicine, Yonsei University, 134, Sinchon-dong, Seodaemun-gu, Seoul 120-749, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
<b>Residence (City, State &amp; Country)</b>		<b>CITIZENSHIP</b>
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b>		
<b>GIVEN NAME/FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
<b>Residence (City, State &amp; Country)</b>		<b>CITIZENSHIP</b>
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b>		

\*DATE OF SIGNATURE

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

P.O. Box 747 • Falls Church, Virginia 22040-0747  
 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
 YOU MUST  
 COMPLETE THE  
 FOLLOWING

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: **GENE FAMILIES ASSOCIATED WITH LIVER CANCER**

Fill in Appropriate: the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information - The specification was filed on February 11, 2005 as  
 For Use Without United States Application Number \_\_\_\_\_;  
 Specification and amended on \_\_\_\_\_ (if applicable) and/or  
 Attached: the specification was filed on August 14, 2003 as PCT  
 International Application Number PCT/KR2003/001655; and was  
 amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<div style="display: flex; justify-content: space-between;"> <div>60/402,905 (Number)</div> <div>United States of America (Country)</div> <div>August 14, 2002 (Month/Day/Year Filed)</div> <div style="text-align: right;"> <input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div>60/403,651 (Number)</div> <div>United States of America (Country)</div> <div>August 16, 2002 (Month/Day/Year Filed)</div> <div style="text-align: right;"> <input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div>_____ (Number)</div> <div>_____ (Country)</div> <div>_____ (Month/Day/Year Filed)</div> <div style="text-align: right;"> <input type="checkbox"/> Yes  <input type="checkbox"/> No </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div>_____ (Number)</div> <div>_____ (Country)</div> <div>_____ (Month/Day/Year Filed)</div> <div style="text-align: right;"> <input type="checkbox"/> Yes  <input type="checkbox"/> No </div> </div>	

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): (if any)	(Application Number)	(Filing Date)
	_____	_____
	_____	_____

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested Information: (if appropriate)	Country	Application Number	Date of Filing (Month/Day/Year)
	_____	_____	_____
	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
	_____	_____	_____
	_____	_____	_____

I hereby appoint the practitioners at **CUSTOMER NO. 02292** as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**

Telephone: (703) 205-8000

Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:



Full Name of First  
or Sole Inventor  
Insert Name of  
Inventor →  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
Name see above

<b>GIVEN NAME/FAMILY NAME</b> KOH, Sang-Seok	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b> CHUNG, Hyun-Ho	<b>INVENTOR'S SIGNATURE</b> <i>Hyun Ho Chung</i>	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b> LEE, Bog-Man	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b> SONG, Si-Young	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b> January 31, 2005
<b>Residence (City, State &amp; Country)</b> Taejeon, Republic of Korea		<b>CITIZENSHIP</b> Republic of Korea
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b> College of Medicine, Yonsei University, 134, Sinchon-dong, Seodaemun-gu, Seoul 120-749, Republic of Korea		
<b>GIVEN NAME/FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
<b>Residence (City, State &amp; Country)</b>		<b>CITIZENSHIP</b>
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b>		
<b>GIVEN NAME/FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
<b>Residence (City, State &amp; Country)</b>		<b>CITIZENSHIP</b>
<b>MAILING ADDRESS (Complete Street Address including City, State &amp; Country)</b>		

\*DATE OF SIGNATURE

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

P.O. Box 747 • Falls Church, Virginia 22040-0747  
 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
 YOU MUST  
 COMPLETE THE  
 FOLLOWING

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: **GENE FAMILIES ASSOCIATED WITH LIVER CANCER**

Fill in Appropriate the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information - The specification was filed on February 11, 2005 as  
 For Use Without United States Application Number \_\_\_\_\_;  
 Specification and amended on \_\_\_\_\_ (if applicable) and/or  
 Attached: the specification was filed on August 14, 2003 as PCT  
 International Application Number PCT/KR2003/001655; and was  
 amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>60/402,905</u> (Number)	<u>United States of America</u> (Country)	<u>August 14, 2002</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>60/403,651</u> (Number)	<u>United States of America</u> (Country)	<u>August 16, 2002</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): (if any)	(Application Number)	(Filing Date)
	_____	_____
	_____	_____

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested Information: (if appropriate)	Country	Application Number	Date of Filing (Month/Day/Year)
	_____	_____	_____
	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
	_____	_____	_____
	_____	_____	_____

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**

Telephone: (703) 205-8000

Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:  
↓

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor →  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

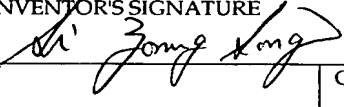
Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
Name see above

GIVEN NAME/FAMILY NAME <b>KOH, Sang-Seok</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>CHUNG, Hyun-Ho</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>LEE, Bog-Man</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>SONG, Si-Young</b>	INVENTOR'S SIGNATURE 	DATE* January 31, 2005
Residence (City, State & Country) <del>Taejeon</del> <sup>Seoul</sup> , Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) College of Medicine, Yonsei University, 134, Sinchon-dong, Seodaemun-gu, Seoul 120-749, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP
MAILING ADDRESS (Complete Street Address including City, State & Country)		

\*DATE OF SIGNATURE

## BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747  
 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
 YOU MUST  
 COMPLETE THE  
 FOLLOWING

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: **GENE FAMILIES ASSOCIATED WITH LIVER CANCER**

Fill in Appropriate the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information - The specification was filed on February 11, 2005 as  
 For Use Without United States Application Number \_\_\_\_\_;  
 Specification and amended on \_\_\_\_\_ (if applicable) and/or  
 Attached: the specification was filed on August 14, 2003 as PCT  
 International Application Number PCT/KR2003/001655; and was  
 amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Insert Priority Information: (if appropriate)	<u>60/402,905</u> (Number)	<u>United States of America</u> (Country)	<u>August 14, 2002</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<u>60/403,651</u> (Number)	<u>United States of America</u> (Country)	<u>August 16, 2002</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): (if any)	(Application Number)	(Filing Date)
	_____	_____
	_____	_____

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested Information: (if appropriate)	Country	Application Number	Date of Filing (Month/Day/Year)
	_____	_____	_____
	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
	_____	_____	_____
	_____	_____	_____

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**

Telephone: (703) 205-8000

Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Post Office  
Address

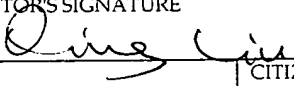
Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
KOH, Sang-Seok		January 31, 2005
Residence (City, State & Country)	CITIZENSHIP	
Taejeon, Republic of Korea	Republic of Korea	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
CHUNG, Hyun-Ho		January 31, 2005
Residence (City, State & Country)	CITIZENSHIP	
Taejeon, Republic of Korea	Republic of Korea	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
LEE, Bog-Man		January 31, 2005
Residence (City, State & Country)	CITIZENSHIP	
Taejeon, Republic of Korea	Republic of Korea	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
SONG, Si-Young		January 31, 2005
Residence (City, State & Country)	CITIZENSHIP	
Taejeon, Republic of Korea	Republic of Korea	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
College of Medicine, Yonsei University, 134, Sinchon-dong, Seodaemun-gu, Seoul 120-749, Republic of Korea		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
LIU, Qing		January 31, 2005
Residence (City, State & Country)	CITIZENSHIP	
Maryland, U.S.A.	China	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
708 Quince Orchard Road, Gaithersburg, Maryland, MD 20878, U.S.A.		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
ZENG, Wen		January 31, 2005
Residence (City, State & Country)	CITIZENSHIP	
Maryland, U.S.A.	China	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
708 Quince Orchard Road, Gaithersburg, Maryland, MD 20878, U.S.A.		



**BIRCH, STEWART, KOLASCH & BIRCH, LLP**P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

**GENE FAMILIES ASSOCIATED WITH LIVER CANCER**

Fill in Appropriate

the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information -  
For Use Without  
Specification

The specification was filed on February 11, 2005 as  
United States Application Number \_\_\_\_\_;  
and amended on \_\_\_\_\_ (if applicable) and/or

Attached:

the specification was filed on August 14, 2003 as PCT  
International Application Number PCT/KR2003/001655; and was  
amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Insert Priority  
Information:  
(if appropriate)60/402,905  
(Number)United States of America  
(Country)August 14, 2002  
(Month/Day/Year Filed)☒ Yes ☐ No60/403,651  
(Number)United States of America  
(Country)August 16, 2002  
(Month/Day/Year Filed)☒ Yes ☐ No

(Number)

(Country)

(Month/Day/Year Filed)

☐ Yes ☐ No

(Number)

(Country)

(Month/Day/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested  
Information:  
(if appropriate)

Country

Application Number

Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**

Telephone: (703) 205-8000

Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:  
↓

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed →

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

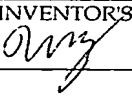
Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME <b>KOH, Sang-Seok</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>CHUNG, Hyun-Ho</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>LEE, Bog-Man</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) R&D Park, LG Life Sciences Ltd., 104-1, Moongi-dong, Yuseong-gu, Taejeon 305-380, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>SONG, Si-Young</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Taejeon, Republic of Korea		CITIZENSHIP Republic of Korea
MAILING ADDRESS (Complete Street Address including City, State & Country) College of Medicine, Yonsei University, 134, Sinchon-dong, Seodaemun-gu, Seoul 120-749, Republic of Korea		
GIVEN NAME/FAMILY NAME <b>LIU, Qing</b>	INVENTOR'S SIGNATURE	DATE* January 31, 2005
Residence (City, State & Country) Maryland, U.S.A.		CITIZENSHIP China
MAILING ADDRESS (Complete Street Address including City, State & Country) 708 Quince Orchard Road, Gaithersburg, Maryland, MD 20878, U.S.A.		
GIVEN NAME/FAMILY NAME <b>ZENG, Wen</b>	INVENTOR'S SIGNATURE 	DATE* January 31, 2005
Residence (City, State & Country) Maryland, U.S.A.		CITIZENSHIP China
MAILING ADDRESS (Complete Street Address including City, State & Country) 708 Quince Orchard Road, Gaithersburg, Maryland, MD 20878, U.S.A.		